

IN THE CLAIMS:

Please amend claims 1, 2, 3, 5, 6, 9, 55, and 62 as follows.

Please add new claims 63 and 64 as follows.

Appendix A provides a "VERSION WITH MARKINGS TO SHOW CHANGES MADE." For the Examiner's convenience, all pending claims as amended are provided in Appendix B.

1. (Twice Amended) A composition comprising a MTB39 antigen, having an amino acid sequence of SEQ ID NO:8 or 26, or an immunogenic fragment thereof from a *Mycobacterium* species of the tuberculosis complex, and a MTB32A antigen, having an amino acid sequence of SEQ ID NO:4, or an immunogenic fragment thereof from a *Mycobacterium* species of the tuberculosis complex.

2. (Twice Amended) The composition of claim 1, comprising a MTB39 antigen, having an amino acid sequence of SEQ ID NO:8 or 26, or an immunogenic fragment thereof from a *Mycobacterium* species of the tuberculosis complex, and a polypeptide comprising at least 205 amino acids of the N-terminus of a MTB32A antigen (SEQ ID NO:4) from a *Mycobacterium* species of the tuberculosis complex.

3. (Twice Amended) The composition of claim 2, further comprising a polypeptide comprising at least about 132 amino acids from the C-terminus of MTB32A antigen (SEQ ID NO:4) from a *Mycobacterium* species of the tuberculosis complex.

5. (Twice Amended) The composition of claim 4, wherein the fusion polypeptide has the amino acid sequence of MTB59F (SEQ ID NO:10).

6. (Twice Amended) The composition of claim 4, wherein the fusion polypeptide is encoded by a polynucleotide that hybridizes under stringent hybridization

conditions to the complement of a polynucleotide comprising the nucleotide sequence of MTB72F (SEQ ID NO:11).

C5
9. (Twice Amended) The composition of claim 1, further comprising at least one additional antigen from a *Mycobacterium* species of the tuberculosis complex, wherein the antigen is selected from the group consisting of MTB8.4 antigen (SEQ ID NO:14), MTB9.8 antigen (SEQ ID NO:16), MTB9.9A MTB9.9 antigen (SEQ ID NO:18), MTB40 antigen (SEQ ID NO:20), MTB41 antigen (SEQ ID NO:22), ESAT-6 antigen (SEQ ID NO:24), MTB85 complex antigen (SEQ ID NO:30), or α -crystalline antigen (SEQ ID NO:28), or an immunogenic fragment thereof.

C6
55. (Once Amended) The composition of claim 1 6, further comprising at least one additional antigen from a *Mycobacterium* species of the tuberculosis complex, wherein the antigen is selected from the group consisting of MTB8.4 antigen (SEQ ID NO:14), MTB9.8 antigen (SEQ ID NO:16), MTB9.9A antigen (SEQ ID NO:18), MTB40 antigen (SEQ ID NO:20), MTB41 antigen (SEQ ID NO:22), ESAT-6 antigen (SEQ ID NO:24), MTB85 complex antigen (SEQ ID NO:30), or α -crystalline antigen (SEQ ID NO:28), or an immunogenic fragment thereof.

C7
62. (Once Amended) The composition of claim 6, wherein the fusion polypeptide has the amino acid sequence of MTB72F (SEQ ID NO:12).

C8
63. (New) A composition comprising BCG and a fusion polypeptide encoded by a polynucleotide that hybridizes under stringent hybridization conditions to the complement of a polynucleotide comprising the nucleotide sequence of MTB72F (SEQ ID NO:11).

64. (New) A composition comprising a fusion polypeptide comprising BCG and an amino acid sequence of MTB72F (SEQ ID NO:12).